

Chow, Kevin

From: Dan Caplice <dan@kplus.com>
Sent: Tuesday, February 24, 2015 1:00 PM
To: Beslow, Mike
Cc: Kent Keutzer (Kent.Keutzer@deltacogroup.com); Dimond, Thomas; Boseman, Anita; Chow, Kevin; cordell.renner@tetrattech.com; mark.retzlaff@illinois.gov; chuck.curtis@illinois.gov; mark.gurnik@illinois.gov; Mike.Roubitchek@Illinois.gov; Susan Morakalis (susan.morakalis@mwr.org); mark.leibrock@mwr.org
Subject: Olympic Oil Update - Lab Results
Attachments: 15020454(K-Plus)Rev0.pdf

Attached are the lab results showing all samples from 2/19/15. I am awaiting results of the water from 2/11/15



K - PLUS ENGINEERING

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STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 23, 2015

K-Plus Engineering, LLC
15 Spinning Wheel Drive
Hinsdale, IL 60521

Telephone: (312) 207-1600
Fax: (312) 831-2191

Analytical Report for STAT Work Order: 15020454 Revision 0

RE: 24148, Olympic Oil, Stickney

Dear Jessica Madsen:

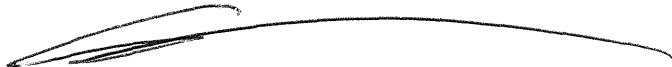
STAT Analysis received 5 samples for the referenced project on 2/19/2015 2:10:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: K-Plus Engineering, LLC
Project: 24148, Olympic Oil, Stickney
Work Order: 15020454 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
15020454-001A	S01		2/19/2015 1:00:00 PM	2/19/2015
15020454-002A	S01 - Duplicate		2/19/2015 1:00:00 PM	2/19/2015
15020454-003A	S02		2/19/2015 1:30:00 PM	2/19/2015
15020454-004A	S03 - Soil		2/19/2015 1:30:00 PM	2/19/2015
15020454-005A	S04		2/19/2015 1:45:00 PM	2/19/2015

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Date Reported: February 23, 2015

ANALYTICAL RESULTS

Date Printed: February 23, 2015

Client: K-Plus Engineering, LLC

Project: 24148, Olympic Oil, Stickney

Work Order: 15020454 Revision 0

Lab ID: 15020454-001

Collection Date: 2/19/2015 1:00:00 PM

Client Sample ID: S01

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Glycols, Total	SW8015 (SW3580A)				Prep Date: 2/19/2015	Analyst: MEP
Ethylene Glycol	23000	66		mg/L	200	2/20/2015

Lab ID: 15020454-002

Collection Date: 2/19/2015 1:00:00 PM

Client Sample ID: S01 - Duplicate

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Glycols, Total	SW8015				Prep Date:	Analyst: MEP
Ethylene Glycol	11000	1000		mg/L	100	2/23/2015

Lab ID: 15020454-003

Collection Date: 2/19/2015 1:30:00 PM

Client Sample ID: S02

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Glycols, Total	SW8015 (SW3580A)				Prep Date: 2/19/2015	Analyst: MEP
Ethylene Glycol	43000	66		mg/L	200	2/20/2015

Lab ID: 15020454-004

Collection Date: 2/19/2015 1:30:00 PM

Client Sample ID: S03 - Soil

Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Glycols, Total	SW8015 (SW3550B)				Prep Date: 2/19/2015	Analyst: MEP
Ethylene Glycol	830	81		mg/Kg-dry	200	2/20/2015
Percent Moisture	D2974				Prep Date: 2/19/2015	Analyst: RW
Percent Moisture	19.0	0.2	*	wt%	1	2/20/2015

Lab ID: 15020454-005

Collection Date: 2/19/2015 1:45:00 PM

Client Sample ID: S04

Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Glycols, Total	SW8015 (SW3580A)				Prep Date: 2/19/2015	Analyst: MEP
Ethylene Glycol	9100	66		mg/L	200	2/20/2015

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

CHAIN OF CUSTODY RECORD

N^o: 861480 Page : / of /

[illegible]

Sample Receipt Checklist

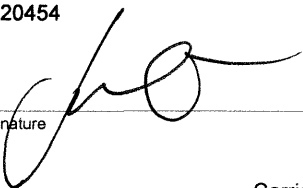
Client Name K-PLUS

Date and Time Received: 2/19/2015 2:10:00 PM

Work Order Number 15020454

Received by: JOK

Checklist completed by:

Signature  Date 2/19/15

Reviewed by:

Initials FC Date 2/19/15

Matrix:

Carrier name Client Delivered

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels/containers?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container or Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Temperature 4.9 °C
Water - VOA vials have zero headspace?	No VOA vials submitted <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Water - Samples pH checked?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Checked by: _____
Water - Samples properly preserved?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response: